



**MOTO GUZZI BELLAGIO 940**

**ENGINE**

Engine	Four-stroke V 90 twin
Cooling	Air cooled
Capacity	935.6 cc
Bore and stroke	95 x 66 mm
Compression ratio	10
Timing	2 valves per cylinder commanded by light alloy cam acting on rocker arm and mechanical tappets
Timing diagram	Intake valve opening 24 ° before upper TDC. Intake valve closing 52 ° after lower TDC. Exhaust valve opening 54 ° before lower TDC. Exhaust valve closing 22 ° after upper TDC. measured with rocker arm/valve play
Maximum power output	55 KW at 7,200 rpm
Max Torque	78 Nm at 6,000 rpm
Fuel suppli	Multipoint sequential electronic injection, Magneti Marelli IAW phased, alfa-n system; 2 Ø 40 mm throttle bodies with Weber IW 031 injectors
Starter	Electric
Ignition	Digital electronic with Magneti Marelli IAW 15RC inductive discharge
Exhaust system	2 stainless steel pipes connected to 1 expansion chamber connected to two chromed steel silencers; 3-way catalyser with Lambda probe.

**TRANSMISSION**

Gearbox	6 speed – constantly engaged cogs with integrated flexible couplings
Gear ratios	1st 17/38 = 1 : 2.235 2nd 20/34 = 1 : 1.7 3rd 23/31 = 1 : 1.348 4th 26/29 = 1 : 1.115 5th 31/30 = 1 : 0.968 6th 29/25 = 1 : 0.862
Lubrication	Forced lubrication with lobe pump and pressure regulator
Primary drive	Helicoidal gears, ratio 24/35 = 1 : 1.458
Final drive	Shaft drive, ratio 12/44 = 1 : 3.667
Clutch	Dry mechanically operated twin plate

## ELECTRICS

Voltage	12 V
Battery	12 V – 18 Ah
Alternator	12 V - 350 W

## FRAME

Frame	Very rigid high tensile steel tubular twin cradle
Wheelbase	1,570 mm
Rake	165 mm
Steering angle	28°
Front suspension	Marzocchi Ø 45 mm adjustable front forks
Front wheel travel	140 mm
Rear suspension	Single swingarm with progressive action – single rebound adjustable shock absorber with easy to operate pre-load setting knob
Rear wheel travel	120 mm
Front brakes	Twin floating 320 mm stainless steel discs, floating Brembo calipers with 2 parallel pistons.
Rear brakes	Single 282 mm fixed stainless steel disc, floating Brembo calipers with 2 parallel pistons.

## WHEELS

Wheels	Spoked aluminium alloy (tubeless)
Front wheel	3.5" x 18"
Rear wheel	5.5" x 17"
Front tyre	120/70 ZR 18 M/C (59W) TL Roadtec Z6
Rear tyre	180/55 ZR 17 M/C (73W) TL Roadtec Z6

## DIMENSIONS

Length	2,270 mm
Width	890 mm
Height	1,310 mm
Saddle height	780 mm
Minimum ground clearance	150 mm
Dry weight	224 kg
Fuel tank capacity	19 litres
Reserve	4 litres